

Review of recent policy and planning actions leading to current HECB work on system design

Higher Education Coordinating Board
July 28, 2009

Preserving and promoting progress in Washington higher education



Opportunities for change

Improving education a top priority of Gov. Chris Gregoire

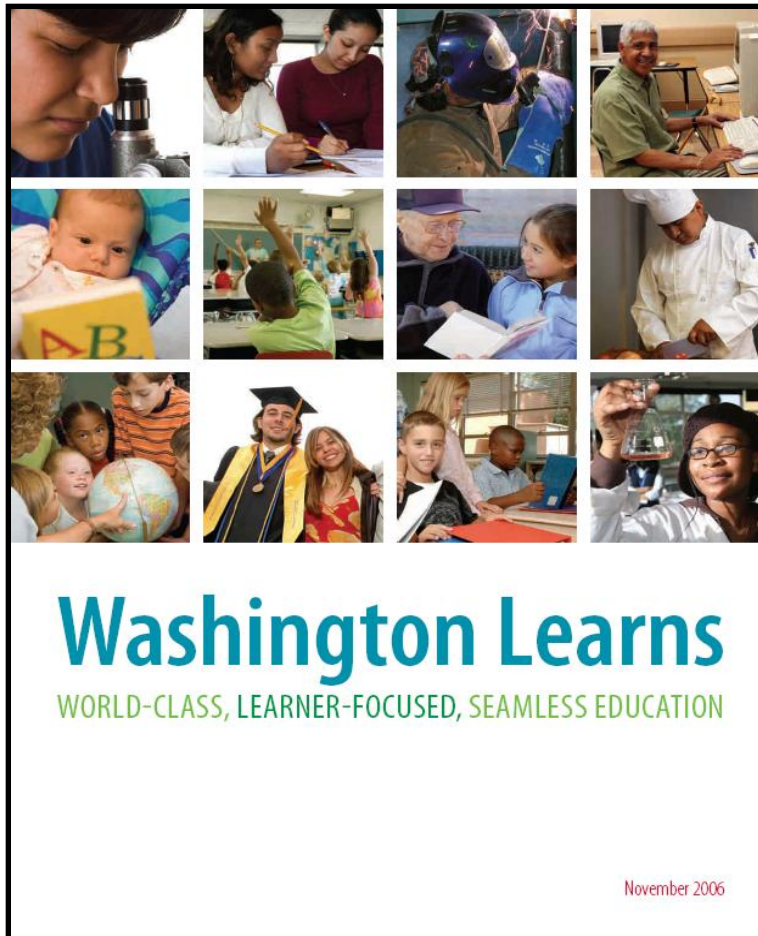
Washington Learns – 2006

Raise educational attainment.

Create a world-class, learner-focused, seamless education system to compete globally and thrive locally.

Goals for Washington:

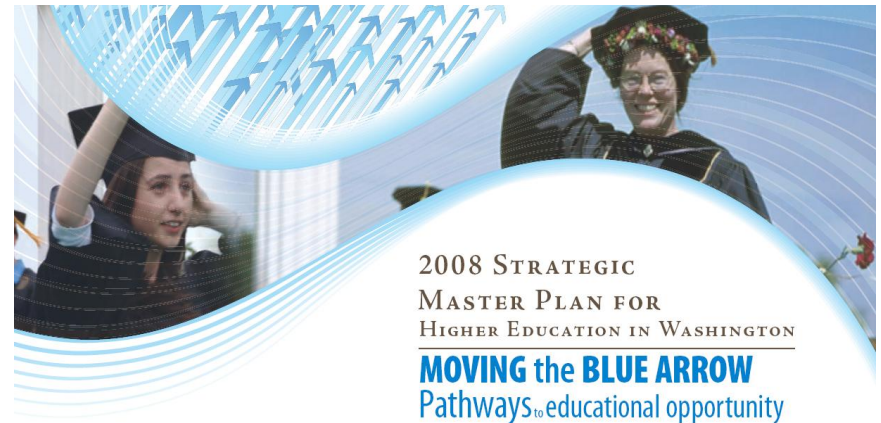
- **Raise funding to GCS top tier.**
- **Strengthen college transition.**
- **Add capacity.**
- **Stress accountability.**



Opportunities for change

2008 Strategic Master Plan for Higher Education

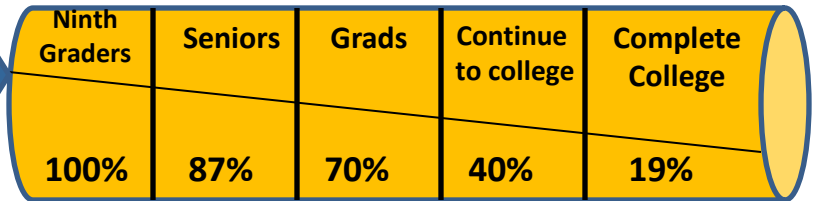
- A long-range framework for improvement – 2018 and beyond.
- Increase degree and certificate production 40% annually.
- Pursue four strategies to increase student participation, success.
 - **Emphasis on diversity.**
 - **Early outreach, support.**
 - **Expanded pathways.**
 - **Streamlined financial aid.**
- Promote economic growth, innovation.
- Monitor and fund higher education to achieve results.



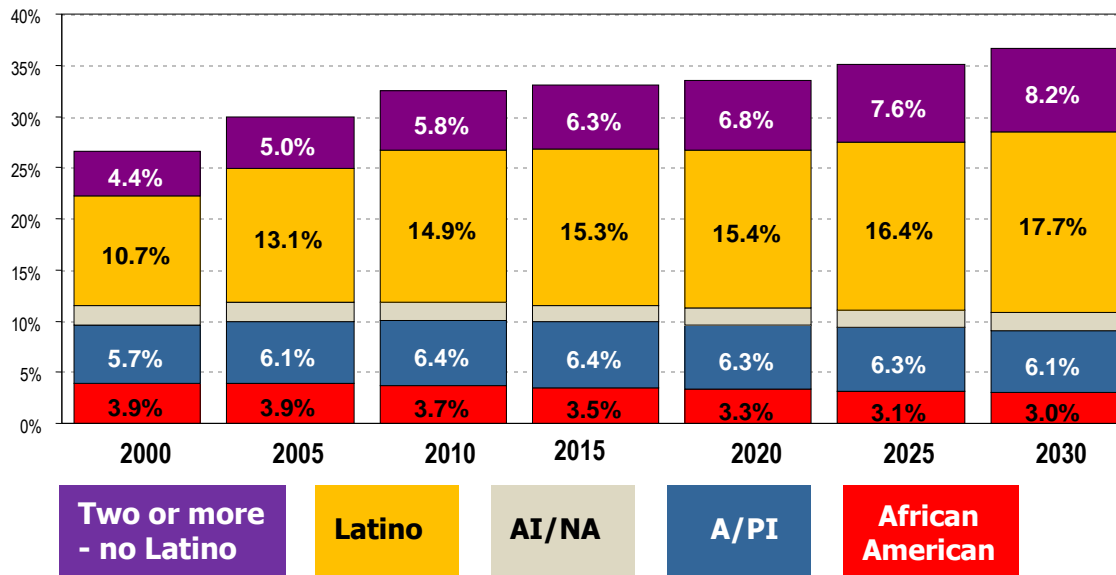
The 2008 Legislature adopted the Strategic Master Plan as state policy for higher education and directed the HECB to develop a set of implementation strategies.

Challenges addressed by the 2008 master plan

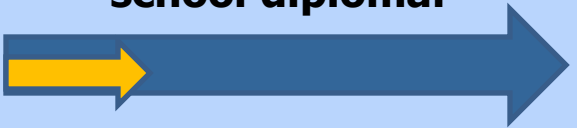
Pipeline leaks. Too few graduate;
continue; complete college.



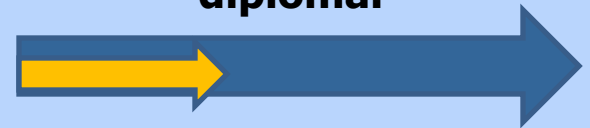
By 2030, under-represented students will account for 36% of state's K-12 enrollment.



One out of every four state residents aged 18-24 has no high school diploma.

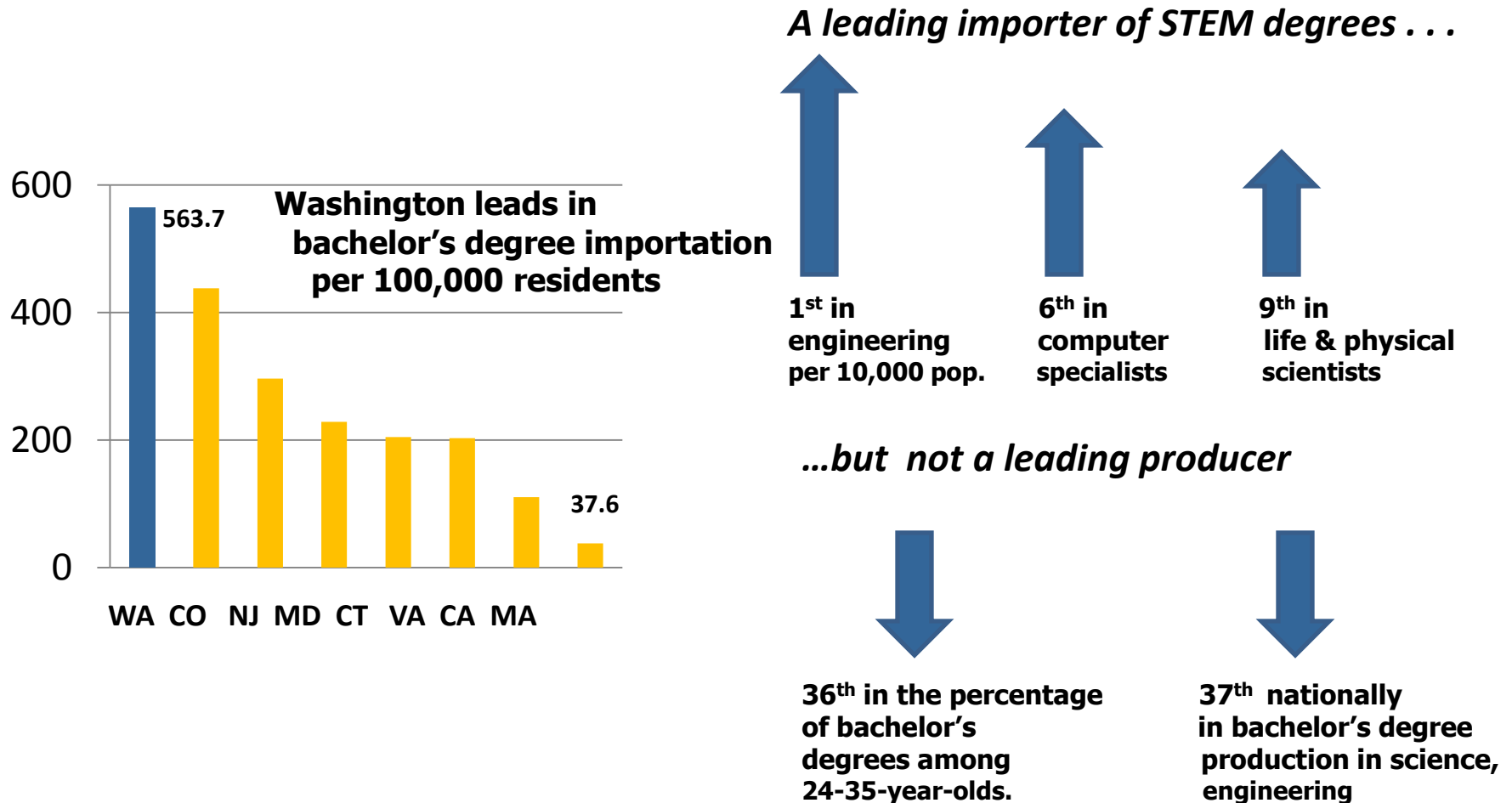


More than 34% of state residents aged 18-64 have only a high school diploma.



Opportunities for change

Challenges addressed by the 2008 master plan



In 2008, the Legislature asked the HECB to conduct additional work to determine:

- How the SMP's degree goals would align with state workforce needs in the next decade.
- How the higher education system would match system and program capacity with changing state workforce needs.
- What the higher education system would do to increase access, enrollment and student success.
- How much the plan would cost to implement.

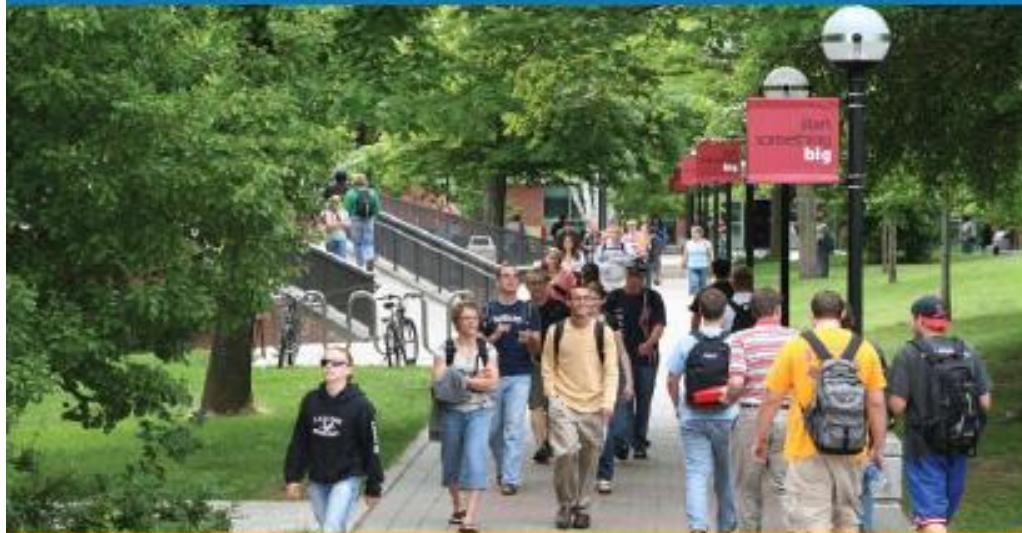
Opportunities for change

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Opportunities for Change:



Implementing the 2008 Strategic Master Plan for Higher Education



Three work groups prepared reports used to create implementation strategies for the SMP.

2008

The work groups made the following recommendations

Invest in talent

Increase degree production at all levels – especially in high-demand fields – to meet rising demand for educated workers and reduce reliance on importing talent.

Build the pipelines

Motivate and prepare increasing numbers of K-12 students to complete a degree or certificate.

Build a re-entry pipeline for adult workers who lack basic skills and advanced technical training.

Re-design the system

Align our higher education system's development more closely with identified and emerging work-force and societal needs.

Expand to meet demand as a new generation of students seeks increased access.

Opportunities for change

Invest in talent by increasing degree production at all levels

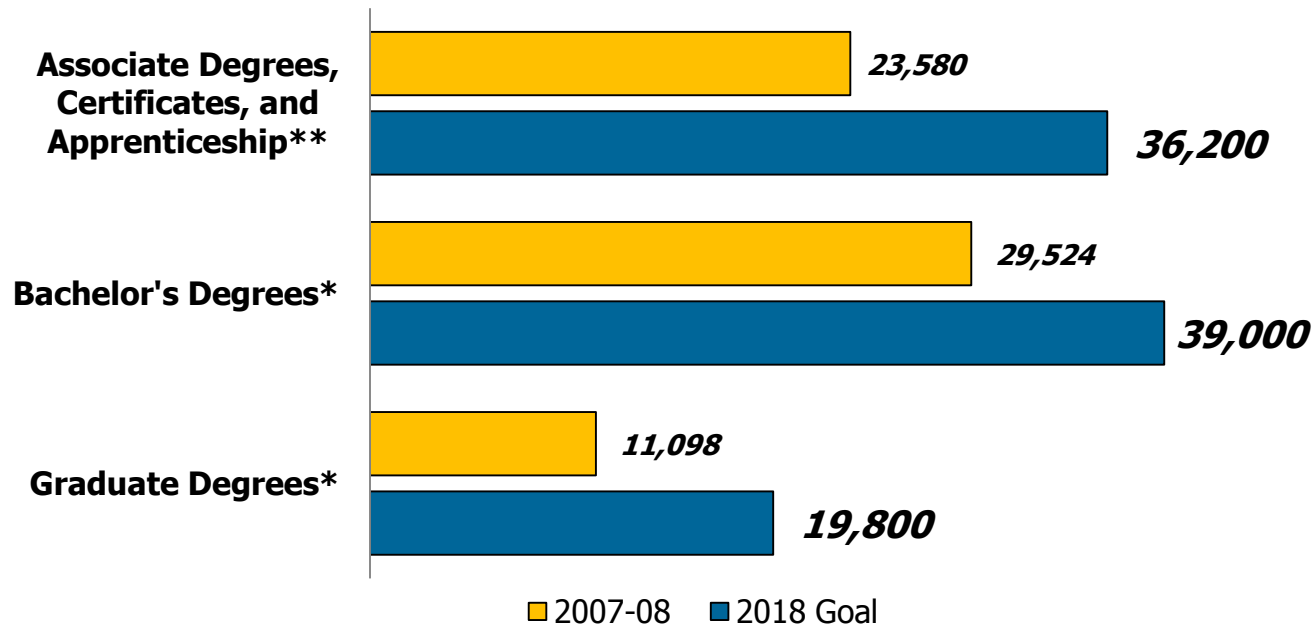
1. We will **no longer be able to rely** on importing educated talent to the state.
2. Forecasted demand in 2018 is so much higher than existing production it makes sense to **immediately begin to increase capacity at all levels.**
3. The state's investment in **high-demand programs** must be sustained and enhanced.
4. Efforts to **improve the pipeline** of interested and prepared students in high-demand fields must begin.

- ***Talent is and will continue to be the pre-eminent and defining characteristic of an innovative, high-wage economy.***
- ***Competition for talent will continue to grow.***
- ***In response, we must develop a strategy for educating all our citizens for the jobs we have today, and want to have in the future.***

*- Economic Needs Assessment
Work Group*

Opportunities for change

Total degrees produced annually must rise in all categories by 2018 to meet SMP goals



To achieve goals, degree production must increase at the following annual rates.

Mid-level: 890

Bachelor's: 950

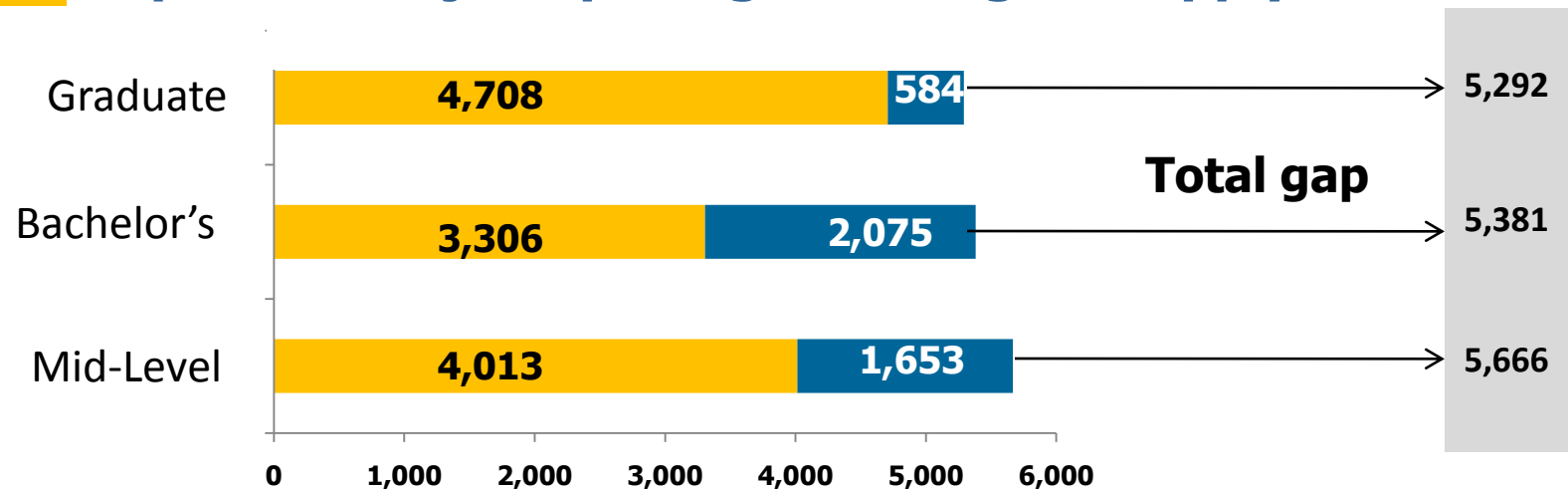
Graduate: 870

Source: Associate Degrees and Certificate: SBCTC Academic Year Report; IPEDS; 2008 Strategic Master Plan for Higher Education; Findings of the Economic Needs Assessment Workgroup

*Bachelor's degrees reflect degrees only. In rare instances, a student may earn multiple degrees in one year.

**Associate Degrees and Certificates 2007-08 awards include only public institutions.

Gap between job openings and degree supply 2008-2016



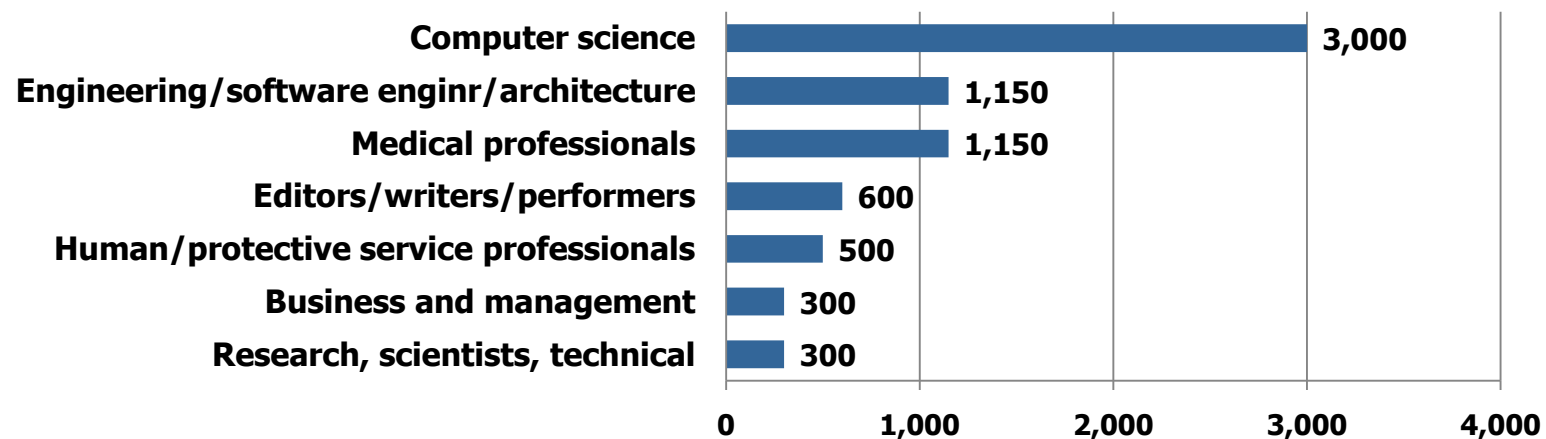
Additional degrees needed beyond gap to account for those who enroll in further education or fail to enter workforce

Source: HECB, SBCTC, WTECB Joint Analysis. "A Skilled and Educated Workforce " 2009 update forthcoming.

High demand occupations – baccalaureate & above

High demand occupations are: STEM and Health Sciences

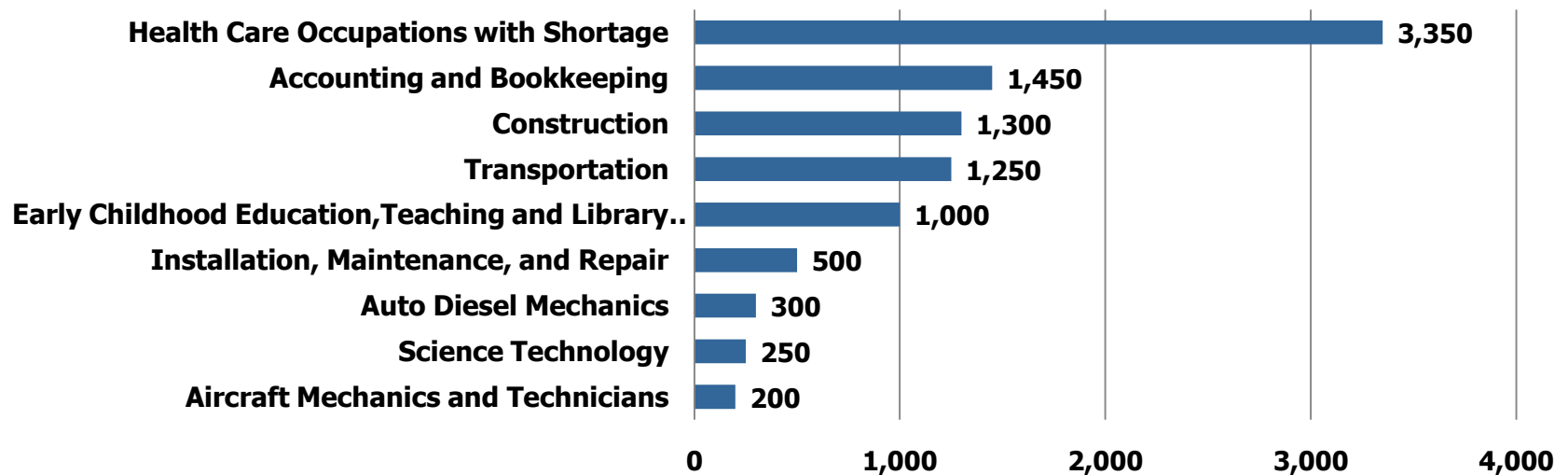
**2006-07 2014-16 supply/demand gap
for long-training-level occupations**



Source: HECB, SBCTC, WTECB Joint Analysis. "A Skilled and Educated Workforce " 2009 update forthcoming.

High demand occupations – mid-level

2006-07 2009-2014 average supply/demand gap



Source: HECB, SBCTC, WTECB Joint Analysis. “A Skilled and Educated Workforce “ 2009 update forthcoming.

Build the pipelines

The **Policy and Demographics Work Group** recommended strategies – many of them low- or no-cost – to immediately begin motivating and preparing many more students to complete high school and continue to postsecondary education.

Build the pipelines



New initiatives

Marketing college

ICAN – Integrated College Assistance Network

Try College – Free, online course

High-demand work study

Academic GPS

Early outreach

GEAR UP

College Bound Scholarship

Transition

Opportunity Grants

I-BEST

Bachelor of Applied Science (BAS)

Persistence

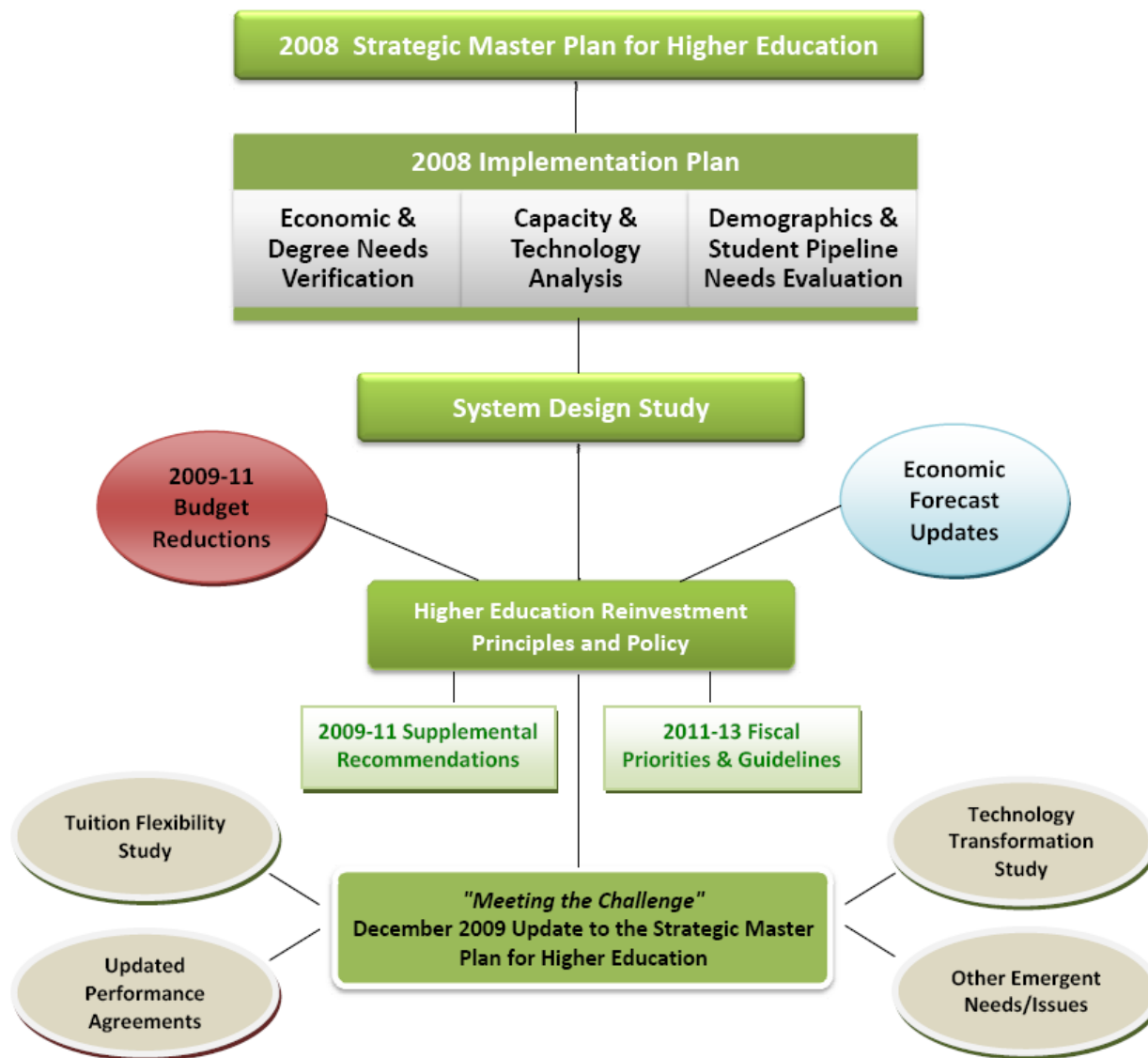
State Need Grant

Educational Opportunity Grants

In 2009, the Legislature directed the HECB to:

- Develop a System Design Plan to guide future growth.
- Conduct a tuition flexibility study to determine the best type of policy to provide access, equity, and academic quality.
- Lead a Technology Transformation Task Force. Develop a plan to improve the strategic and operational use of technology.
- Implement a financial aid 'Opportunities Branding Project.'
- Lead a work group to develop a College Access Portal.
- Support the work of the State Performance Agreement Committee to implement six-year funding and accountability agreements with the four-year institutions.

Key 2009 HECB Project Activities and Relationship to the Strategic Master Plan for Higher Education



Opportunities for change

Obama higher education initiative would increase educational attainment



President Barack Obama

"For decades, we led the world in educational attainment, and as a consequence we led the world in economic growth.

"But in this new economy we've come to trail the world's leaders in graduation rates and educational achievement.

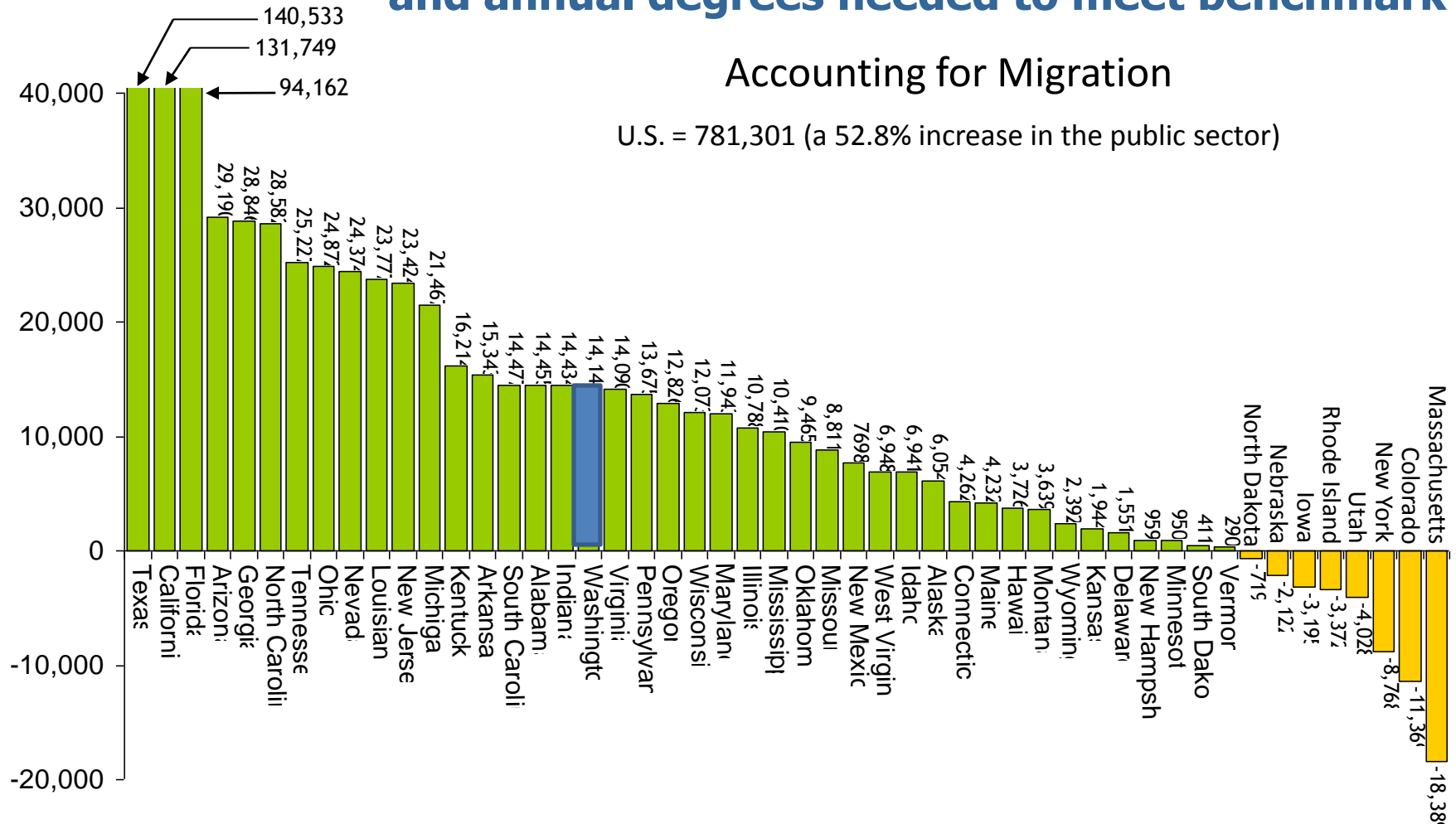
"By 2020, America will have the highest proportion of college graduates in the world."

Opportunities for change

The "Gap" - Difference in annual degrees currently produced and annual degrees needed to meet benchmark

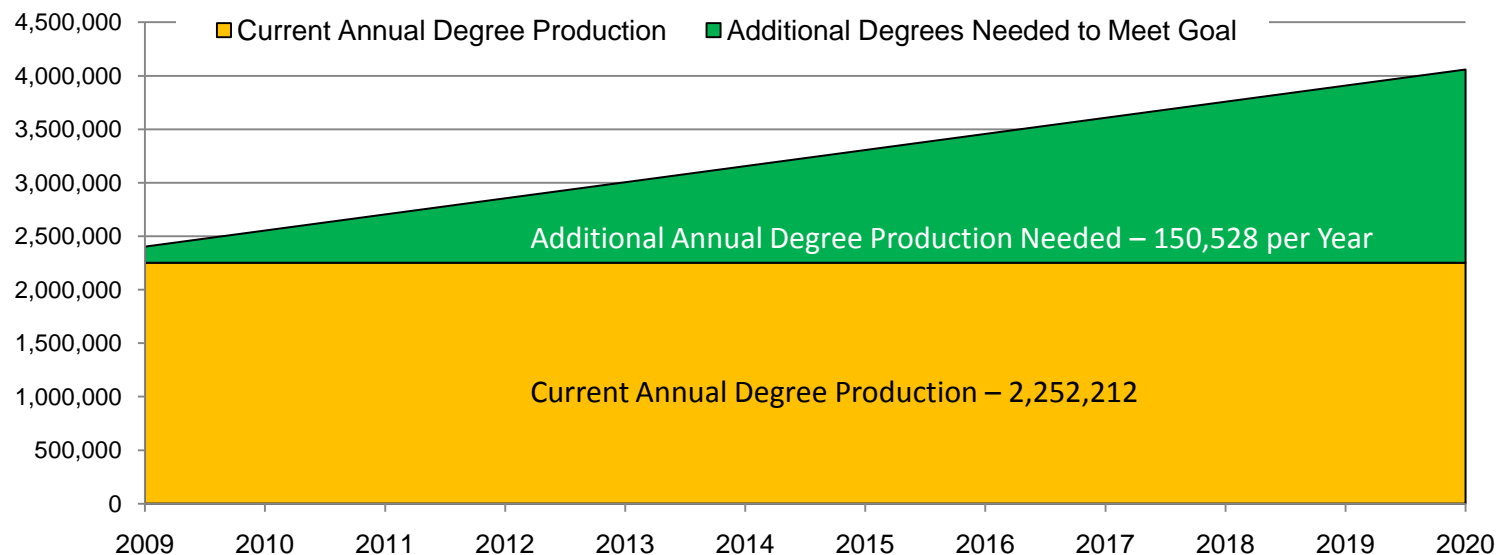
Accounting for Migration

U.S. = 781,301 (a 52.8% increase in the public sector)

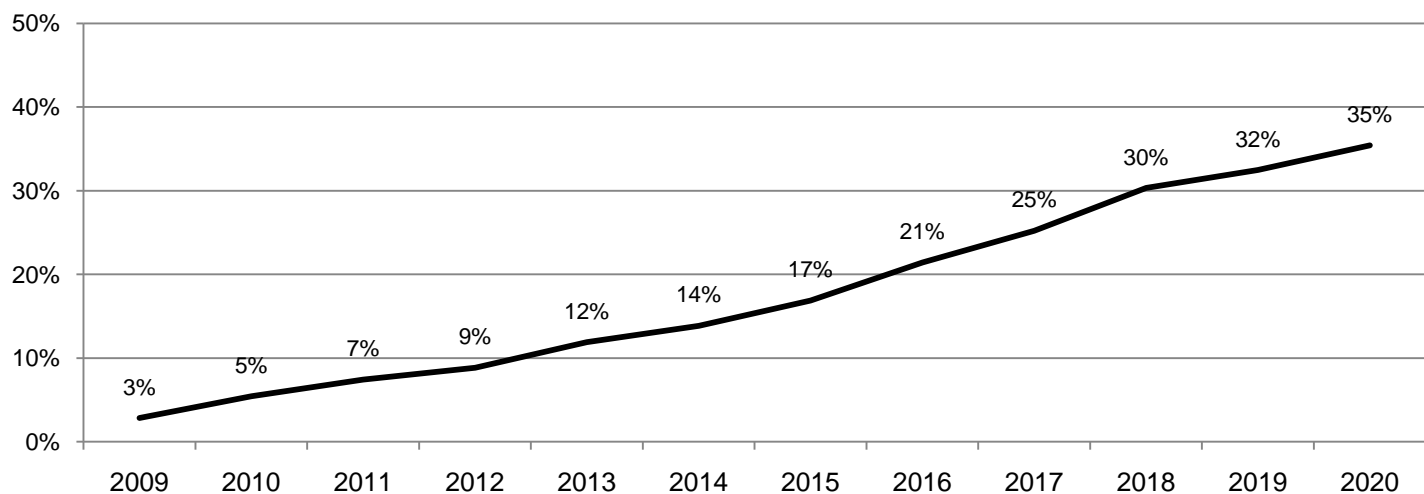


Source: U.S. Census Bureau, PUMS and Population Projections, IPEDS Completions Survey 2004-05

Associate and Bachelors Degrees Needed to Become the Most Educated Country by 2020



Increase in State and Local Funding at Current Cost per FTE



Note: Assumes private institutions will maintain current share

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Comments about the master plan?

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